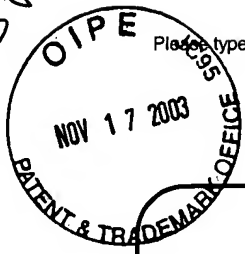


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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>		Applicati n Number	10/046,858
		Filing Dat	1/13/02
		First Named Inventor	Steven Teig, et al.
		Group Art Unit	2825
		Examiner Name	
Total Number of Pages in This Submission		Attorney Docket Number	SPLX.P0124

Enclosures (Check all that apply)		
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
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PATENT
Docket No. SPLX.P0124

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Mani Adeli

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Steven Teig, et al.

Serial No.: 10/046,858

Filing Date: 1/13/02

For: METHOD AND APPARATUS FOR
PLACING CIRCUIT MODULES

**INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. § 1.97**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, applicants submit with this Information Disclosure Statement the attached Form PTO-1449, and copies of the documents listed in the 1449 form for consideration by the Examiner. The Examiner is requested to make these documents of record. Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

This Information Disclosure Statement under 37 C.F.R. § 1.97 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to

the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

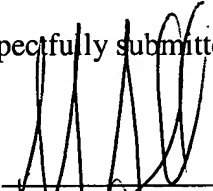
This Information Disclosure Statement is submitted within three months of the application filing date or before the mailing date of a first Office Action on the merits; accordingly, no fee or separate requirements are required.

However, in the unlikely event that the Patent Office determines that additional fees, extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 50-1128** referencing SPLX.P0124. However, the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: November 13, 2003

Respectfully submitted,

By: _____


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Fax No. (650) 752-0995

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Applicant Number	10/046,858
				Filing Date	1/13/02
				First Named Inventor	Steven Teig, et al.
				Group Art Unit	2825
				Examiner Name	
Sheet	1	of	7	Attorney Docket Number	SPLX.P0124

U.S. PATENT DOCUMENTS

Examiner* Initials	Cite No. ¹	U.S. Patent Document Number Kind Code ² (if known)	Date of Publication MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	2001/0009 031	A1	07-19-2001	Nitta et al.
	2.	2002/0182 844	A1	12-05-2002	Igarashi et al.
	3.	2003/0025 205	A1	02-06-2003	Shively
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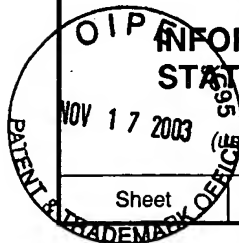
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(use as many sheets as necessary)</small>				Filing Date	1/13/02
				First Named Inventor	Steven Teig, et al.
				Group Art Unit	2825
				Examiner Name	
Sheet	2	of	7	Attorney Docket Number	SPLX.P0124

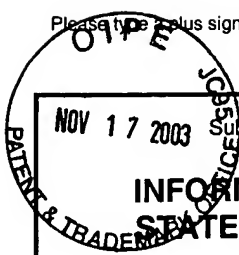
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	39.	6,490,713	B2	12-03-2002	Matsumoto
	40.	6,519,751	B2	02-11-2003	Sriram et al.
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	42.	6,546,540	B1	04-08-2003	Igarashi et al.
	43.	6,557,145	B2	04-29-2003	Boyle et al.

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				First Named Inventor	Steven Teig, et al.
				Group Art Unit	2825
				Examiner Name	
Sheet	3	of	7	Attorney Docket Number	SPLX.P0124

U.S. PATENT DOCUMENTS

44.	6,567,967	B2	05-20-2003	Greidinger et al.
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FOREIGN PATENT DOCUMENTS

Examiner* Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T 6
		Office ²	Number ⁴	Kind Code (if known)				
	45.	JP	411296560	A	Matsumoto et al.	10-29-1999	with English translation of Abstract;	
	46.	JP	2000-82743	A	Igarashi et al.	03-21-2000	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓
	47.	JP	H03-173471	A	Tawada et al.	07-26-1991	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓
	48.	JP	H05-243379	A	Masako Kubota	09-21-1993	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓
	49.	JP	H05-102305	A	Akihiro Sato	04-23-1993	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	✓

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7

Applicati n Number

10/046,858

Filing Date

1/13/02

First Named Inv nt r

Steven Teig, et al.

Group Art Unit

2825

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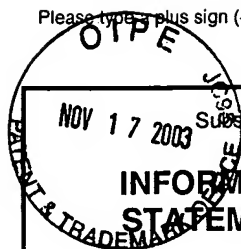
50.	JP	H07-86407	A	Shinpei Miura	03-31-1995	with Japanese Patent Office's English translation of Abstract; and with English translation of the application.	√
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				Examiner Name	
Sheet	5	of	7	Attorney Docket Number	SPLX.P0124

FOREIGN PATENT DOCUMENTS

NON PATENT LITERATURE DOCUMENTS

Examiner* Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 6
	52.	Ahuja, R. et al., Faster Algorithms for the Shortest Path Problem, Journal of the Association for Computing Machinery, vol. 37, No. 2, April 1990, pp. 213-223.	
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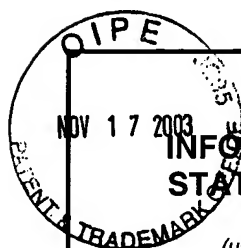
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				Group Art Unit	2825
				Examiner Name	
Sheet	6	of	7	Attorney Docket Number	SPLX.P0124

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	67.	Kastner R et al.: "Predictable Routing" IEEE/ACM International Conference on Computer Aided Design. ICCAD – 2000. IEEE/ACM Digest of Technical Papers (CAT. NO.00CH37140), Proceedings of International Conference on Computer Aided Design (ICCAD), San Jose, CA, USA, 5-9 Nov. 2000. Pages 110-113.	
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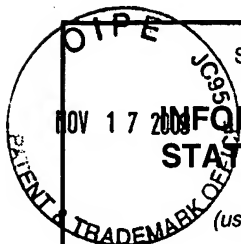
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				Filing Date	1/13/02
				First Named Inventor	Steven Teig, et al.
				Group Art Unit	2825
				Examiner Name	
Sheet	7	of	7	Attorney Docket Number	SPLX.P0124

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